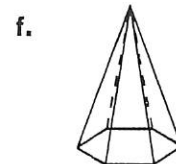
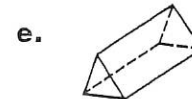
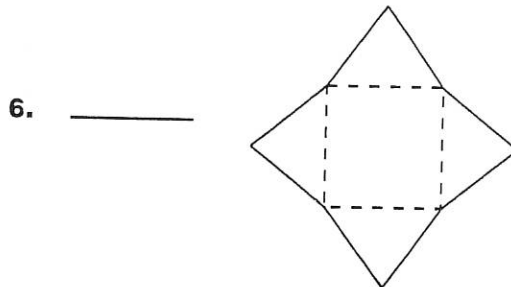
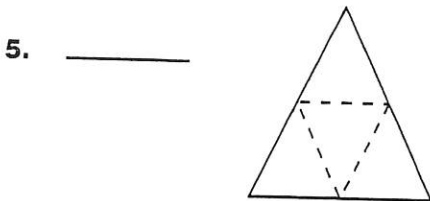
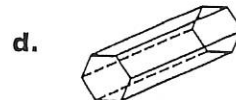
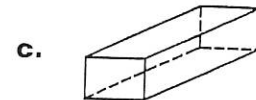
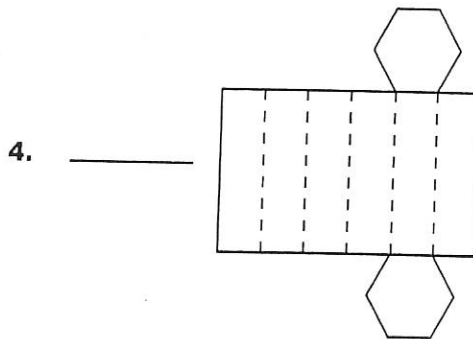
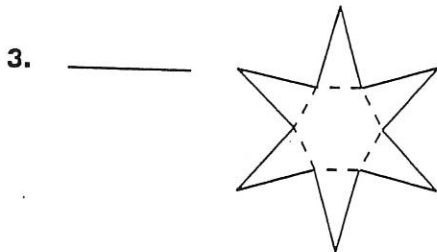
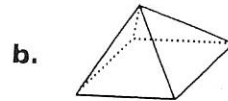
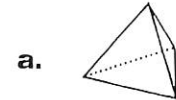
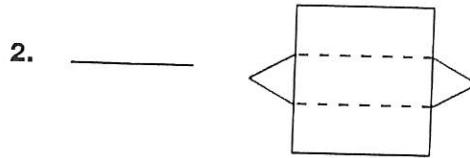
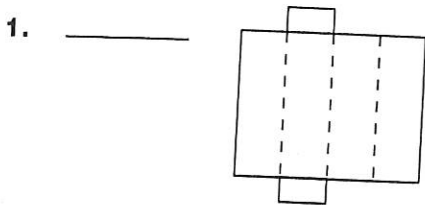


8.11 ENRICHMENT

for pages 250–251

The Plane in Geometry

Match the net at the left with the solid at the right. Write the letter of the solid on the line by the net.



Use the nets and solids to complete each exercise. Write the number after the letter of the solid.

7. How many planes form the surfaces of each of these solids?

a: _____ b: _____ c: _____ d: _____ e: _____ f: _____

8. How many pairs of parallel planes does each solid have?

a: _____ b: _____ c: _____ d: _____ e: _____ f: _____

9. How many vertices does each solid have?

a: _____ b: _____ c: _____ d: _____ e: _____ f: _____

10. How many faces meet at each vertex?

a: _____ b: _____ c: _____

d: _____ e: _____ f: _____

13.6 ENRICHMENT

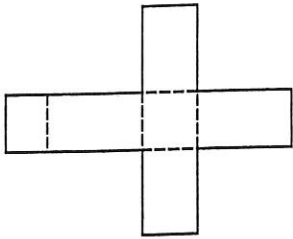
for pages 396-397

Solids

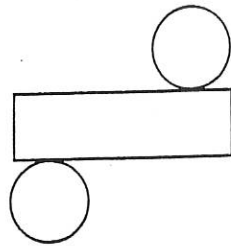
Each of the flat shapes below can be made into a solid shape.
The dashed lines indicate folds.

On the line below each figure, write its name taken from the box below.

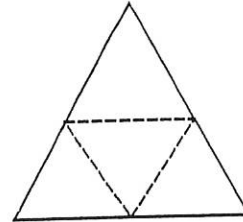
1.



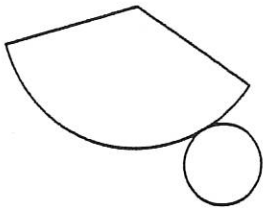
2.



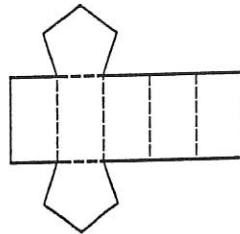
3.



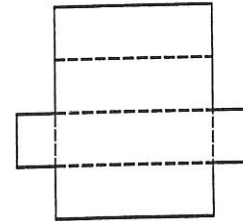
4.



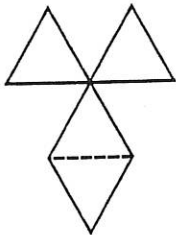
5.



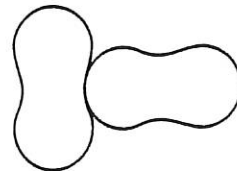
6.



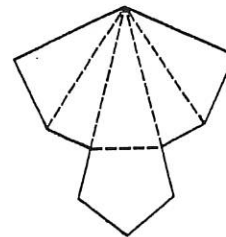
7.



8.



9.



cylinder, pentagonal prism, sphere, triangular pyramid, rectangular prism,
pentagonal pyramid, rectangular prism, triangular pyramid, cone